Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 14 Sep 2023 until 23:59 on Friday 15 Sep 2023

Forecast Issued on Thursday 14 Sep 2023 at 04:18

Confidence: Only moderate for the details of the forecast today. Confidence greater for Friday to be a wetter day, at least to start, with confidence then reducing again regarding thundery showers into the weekend.

Headline for Thursday 14 Sep 2023: Outbreaks of rain through the early hours, clearing to give a bright day.

Mountain weather hazards on Thursday 14 Sep 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Cloudy	Sunny intervals	Sunny intervals	Cloudy
Precipitation probability					
80%	30%	20%	10%	20%	20%

Forecast for Thursday 14 Sep 2023

Weather: A band of rain moves south across the area through the early hours of Thursday, generally brighter conditions then expected to develop through late morning, with the risk of the odd light shower into the afternoon. Band of rain then returns northwards into the evening. Confidence in the forecast is somewhat low however.

Chance of cloud-free hill tops above 600m: 30% first thing, improving to 80% late morning and into the afternoon.

Low Cloud and visibility: Low cloud first thing is likely to cover slopes above 400-500m, cloud expected to slowly lift and break through the morning with many hills clearing. Patchy cloud may linger across the higher tops however throughout the day.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Thursday 14 Sep 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/20 SW	12/15 W	12/16 SW	12/17 SW	7/9 W	3/5 S	6/8 NE
300	6/15 SW	7/13 W	9/15 SW	8/14 SW	3/8 W	1/4 SE	3/7 NE
Valley	2/11 SW	6/11 W	8/14 SW	7/14 SW	2/7 SW	2/3 NE	2/5 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	10/8	12/10	12/10	11/10	10/10	10/8
300	12/11	14/13	15/14	15/14	13/13	12/12	12/11
Valley	13/13	15/14	17/15	16/15	14/14	13/13	12/12
Freezing Level*	2400m	1900m	1900m	1900m	2400m	2800m	2900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Due to low confidence regarding rainfall amounts it is best to expect good conditions but prepare for the worst, hence waterproofs are advised in case of deteriorating conditions.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 14 Sep 2023	1.6mm	7.2mm	14.6mm

Forecast for Friday 15 Sep 2023

Weather: The band of rain to the south of the Dales on Thursday moves northwards overnight to give some heavy, persistent outbreaks of rain through the small hours of Friday morning. Rain expected to clear to the north of the Dales throughout the day, allowing some good sunny spells to develop by afternoon. Confidence however remains low on details and rainband may stall over the area and give persistent rain throughout the day.

Maximum wind: South-easterly 10-15mph, gusting 20-25mph.

Chance of cloud-free hill tops above 600m: 30% first thing rising to 60%.

Low Cloud and visibility: Initial rain and low cloud giving poor conditions along the tops, with widespread cloud above 400-500m. This expected to lift and break into the afternoon to give some good clear skies, however confidence is low on this detail. Poor visibilities in rain and low cloud expected to start, but improving to very good through the morning.

Temperature: **Valleys:** Plus 12 rising to Plus 17 Celsius
At 600m: Plus 9 rising to Plus 13 Celsius
Freezing level: Above summits

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